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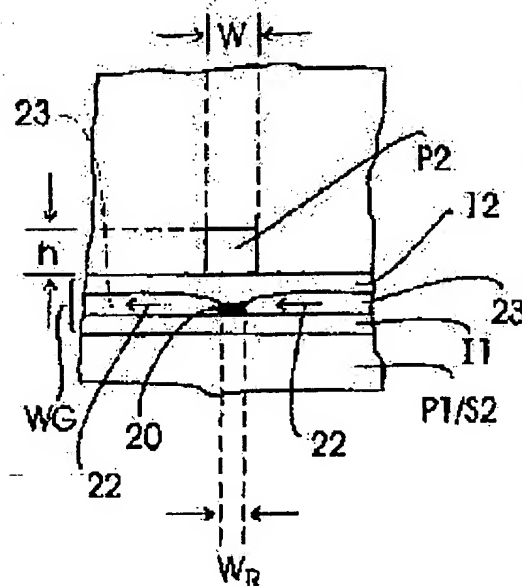
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**(54) HEAT SUPPORT TYPE HEAD HAVING RESISTANCE HEATER IN WRITING
GAP AND DISK DRIVE**



(57)Abstract:

PROBLEM TO BE SOLVED: To provide a writing head for a heat support type magnetic recording system attaining a narrow track width.

SOLUTION: A thin film inductive writing head includes an electric resistance heater 20 disposed in a writing gap WG between the extreme tips of the writing head. A resistance heater is inserted between first and second spacer layers I1 and I2 disposed between the extreme tips of the writing head. In CIP head, spacer layers are made of insulating materials, an electric lead is formed as a part of a film between the spacer layers, and brought into contact with each side of the resistance heater. The width WR of the resistance heater is smaller than the width W of the extreme tip. Thus, writing is carried out by the extreme tip of the writing head only in the area of a magnetic layer on the disk heated by the resistance heater. Thus, the width of a data track on the disk is defined not by the shape of the extreme tip of the writing

head but by the width of the resistance heater.

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